

Ensure the reliability, availability, and optimal performance of your vertical tower mills with our advanced wear parts and grinding media. These parts provide longer wear life and excellent performance, helping you meet sustainability targets and maintain operations even in the most challenging conditions.



Addressing key challenges in the mining industry

The main challenges in the mining industry today include achieving adequate mineral liberation and surface chemistry to maximize the recovery of valuable minerals at minimum cost. Key focus areas are:



Reducing the cost of consumables per ton produced



Optimizing milling and recovery



Maximizing equipment availability



Lowering footprint

Vertical Tower Mill Castings & grinding media

Our offering

Our high chromium solutions are:

- Flight and end liners to protect the permanent screw from wear and enhance the grinding efficiency of your VTM
- High Chromium grinding media, combining a martensitic structure with hard chrome carbides that provide the optimum wear resistance against abrasion and corrosion.



Process optimization services and products for abrasive and impact applications

Partner with us to reduce milling costs and increase production

Our liners aim to reduce the total cost of milling and increase plant availability by focusing on three main areas:

- Wear Profile Analysis and Design Optimization:

- Analyzing the liner's wear profile using 3D laser scanning technology, we optimize the design for precision and performance.
- Reducing wear of grinding media and liners (\$/t).
- Minimizing downtime to increase plant availability.

- Liner Alloy Selection:

Analyzing the wear mechanism and selecting the best alloy to assure the longest lifetime in the market.

- On-Site Technical Support:

- Providing on-site technical support for testing, mill inspections, and wear control.
- Offering detailed reports and product optimization.
- Ensuring proper installation of our products.



Additional benefits of our solutions

Our solutions maintain the original liner profile for a longer period, positively impacting the absorbed power of the mill and improving milling efficiency. This preservation of profile leads to stable absorbed power and consistent production rates.

By partnering with us, you ensure that your vertical tower mills operate at peak performance, reducing costs and increasing production efficiency. Discover how our innovative castings and grinding media can benefit your operations today.



Process optimization services and products for abrasive and impact applications



Contact our account managers and experts to get an analysis of your situation and get recommendations to meet and surpass your goals.

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